

## Dzero Goals and Milestones for the Next Twelve Months

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Version 7.2 (29/Mar/05 )

2005

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April 1

Reprocessing on remote farms using p17.03 for pre-shutdown\_04 data starts  
(achieved 25/03/05)

Re-definition of p17 skims to reduce size

April 15

p17.03 Monte Carlo executable certified

Trigger list v14 deployed online

Cut p18 (to accomodate fixing and CAF handling for analysis of p17-reco'd data)

May 1

Certification of JES 6.1 with resolutions (corresponding to p14/pass2 data)

May 15

Integration of tools for Run 2b trigger upgrade in Trigsim

RunIIB L1cal data to tape

June 1

ID certification of electron, photon, muon, jet, MET, using the first  
p17.03 FY05 data

Preliminary report from luminosity editorial board

June 7

Collaboration review starts for LP05 conference

June 13

## Dzero Goals and Milestones for the Next Twelve Months

First release of p19 (for Run 2b: with unpacking and MC simulation of Layer-0)  
Collaboration meeting at Vancouver  
(Workshop goals: [1] Physics with 1fb-1 [2] The Upgrade Endgame)  
Strawman v15 trigger list (for Run 2b)

July 1

400 pb-1 dataset available with p17  
Release p18 with HCAL calibration and more complete treatment of  
dead material (for tracking and calorimetry)  
- Decide whether or not to switch to p18 for the remaining (re-)processing  
Commission p17/p18 fixing and skimming as a central production activity  
Conversion of root-based analysis infrastructure to CAF completed  
Decide if specific datasets should be stored on disk in CAF and/or TMB++ formats

July 7

Collaboration review starts for EPS05 conference

August 1

40 tested DFEA2 cards at Fermilab  
Layer-0 detector assembled

August 15

RunIIb L1Cal system assembled

September 1

First full v15 trigger menu and associated trigger DB infrastructure released

October 1

Preliminary certification of p17/p18 JES

October 3

Provisional date for start of shutdown (expected duration 12-14 weeks)

November 1

p17/p18 reprocessing complete.  
p17/p18 fixing complete  
(Entire Run 2a ~800 pb-1 p17/p18 dataset available with HCAL calibration)

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and more complete dead material)  
- Final p17/p18 ID certification of electron, photon, muon, jet, MET  
(including notes)  
v15 trigger list parsed by COOR and run in Trigsim

December 1  
Final luminosity normalisation released for Run 2a dataset  
Preliminary certification of p17/p18 Bid (based on preliminary JES)  
Final certification of p17/p18 JES

2006  
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January 1  
Spring conferences 2006  
First analyses using entire Run 2a dataset

February 1  
Final certification of p17/p18 Bid